

051005T4ICT

ICT TECHNICIAN LEVEL 5

IT/OS/ICT/CC/01/5

APPLY BASIC ELECTRONICS

July /Aug 2023



**TVET CURRICULUM DEVELOPMENT, ASSESSMENT AND CERTIFICATION
COUNCIL (TVET CDACC)**

WRITTEN ASSESSMENT

Time: 3 Hours

INSTRUCTIONS TO CANDIDATE

1. Marks for each question are indicated in brackets ()
2. This paper consists of **THREE** sections: **A, B and C**
3. You are required to provide your responses in the provided answer booklet.
4. Do not write on the question paper.

This paper consists of SEVEN (7) printed pages

**Candidates should check the question paper to ascertain that all pages
are printed as indicated and that no questions are missing**

SECTION A: (20 MARKS)

*Answer **all** questions in this section.*

Each question carries one Mark.

1. The deviation of resistance of a resistor is known as
 - A. Inductance
 - B. Resistivity
 - C. Tolerance
 - D. Ohms
2. An electrical component use to store electrical charge is
 - E. Charger
 - F. Adaptor
 - G. Capacitor
 - H. Logic gate
3. Copper and aluminum are examples of
 - A. Conductors
 - B. Insulators
 - C. Semi-conductors
 - D. Electricity
4. When a Semi-Conductor material is heated, it's resistance _____
 - A. Decreases
 - B. Increases
 - C. Does not change
 - D. Increase then Decreases
5. In which form does an inductor store energy
 - A. Electric
 - B. Electro-magnetic
 - C. Magnetic
 - D. Permittivity
6. The rate of change of energy is measured in
 - A. Joules
 - B. Henry